

Sub A) 1. A double containment pipe system, which includes:

 a carrier pipe section having a plurality of radially spaced members connected to and longitudinally extending along an outer surface thereof; and

 a containment pipe section having an inner surface of a diameter to contain said carrier pipe and readily permit movement therein, wherein an annulus is formed between the carrier pipe section and containment pipe section.

5 2. The double containment pipe system of claim 1, wherein said radially spaced members are centralizer fins.

3. The double containment pipe system of claim 1, wherein said radially spaced members are generally radially equidistantly spaced from one another.

4. The double containment pipe system of claim 1, which includes a plurality of said carrier pipe sections as defined which are fixably interconnected and which are operably disposed within a plurality of said containment pipe sections which are removably interconnected to one another.

15 5. The double containment pipe system of claim 4, wherein said containment pipe sections are removably interconnected by a quick connect coupling having a clamp configured to sealably enclose and connect adjacent ends of said connecting containment pipe sections.

6. The double containment pipe system of claim 1, which includes a leak detection device operably disposed within an annulus between said carrier pipe section and said containment pipe

20 20 section adjacent a bottom portion of said containment pipe between said radially extending members.

7. The double containment pipe system of claim 1, wherein said radially spaced members

are fixably connected to said carrier pipe section.

8. The double containment pipe system of claim 1, wherein said radially spaced members are fixed axially with respect to one of said pipes.

9. A double containment pipe system, which includes:

5 a carrier pipe section; and
a containment pipe section having a plurality of radially spaced members fixably connected to and longitudinally extending along an inner surface thereof, wherein an inner diameter formed by said radially spaced members to readily movably contain said carrier pipe, and wherein an annulus is formed between the carrier pipe section and containment pipe section which contains said radially spaced members.

10. The double containment pipe system of claim 9, wherein said radially spaced members are fins.

11. The double containment pipe system of claim 9, wherein said radially spaced members are generally radially equidistantly spaced from one another.

15 12. The double containment pipe system of claim 9, which includes a plurality of said carrier pipe sections as defined which are fixably interconnected and which are operably disposed within a plurality of said containment pipe sections which are removably interconnected to one another.

20 13. The double containment pipe system of claim 12, wherein said containment pipe sections are removably interconnected by a quick connect containment coupling having a clamp configured to sealably enclose and connect adjacent ends of said connecting containment pipe sections.

14. The double containment pipe system of claim 9, which includes a leak detection device operably disposed within an annulus between said carrier pipe section and said containment pipe section adjacent a bottom portion of said containment pipe between said radially extending members.
- 5 15. The double containment pipe system of claim 9, wherein said radially spaced members are fixed axially with respect to one of said pipes.